eference to last surement 8

**M. A. R. 57 (Rule 116)**
Measurement Book

No. B/07

Serial No.....

Name of work.....From.....To.....168421

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Bill Recording date 26.8.19 (20.08.19) | | | | | | |
| | Name of the work: providing and sinking of Borewells pump motor and Electrical lines in Ward No. 14. Bagalagunte. | | | | | | |
| | Est Cost Rs 40.0 Lakhs Item No 03. | | | | | | |
| | Fb code No: 014-19.000052 PCode No. P1802. | | | | | | |
| | Ad. approval: EE\| DD\| AS\| 116\| 18-19. Dt 17.0.19 | | | | | | |
| | Tech -"- EE\| DD\| TS\| 97\| 18-19 Dt 28.01.2019 | | | | | | |
| | work order No EE\| DD\| WO\| 339\| 2019-20 Dt 18.06.2019 | | | | | | |
| | Agency : K. Madaareddy. Muniswara Nagar | | | | | | |

Bill No: 1st & Final. Bagalagunte

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TO

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No1 | | | | | | |
| | Geological Survey investigation of site for sinking borewell for supplying drinking water to the habitation all through the hand pumps mws or pwss by vertical electrical soundings by adopting wenner or method adopting reconnaissance survey of geological formation geophysical investigation of existing ground water in vicinity of quality etc as per design incharge of the Engineer | | | | | | |
| | Qty vide page No. 168483 of this mb | | | | | | |
| | Qty. 4810. | | | | | | |
| | @ TR 2117.77 Rs 8471.00 | | | | | | |

## M. A. R. 57 (Rule 116)

Measurement Book

No. B/07

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....From.....To. 168422

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No2 | | | | | | |
| | Sinking of Borewell of 165 mm clear using tube hydraulic rig of capacity 250 PSI & above 900 cm² and above at strata including over burden upto 22 m fixing & casing pipe casing and cap with necessary cutting and threading including incorporation etc all as directed by engineer at site | | | | | | |
| | Qty vide page No 168483 of this mb | | | | | | |
| | Qty | | | | | | |
| | A No. | | | | | | 200747: 00 |
| | | | | | | | 197045: 00 |
| | | | | | | | 154648: 00 |
| | | | | | | | 154648: 00 |
| | | | | | | | 707088: 00 |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No 3 | Supply of ISI mark 175 mm nominal bore plain end Steel Casing pipe of grade of steel fe 410 of wall thickness 5.4 mm Tack Confirming to IS 3587/1993 and stamp affixed by bore/open wells electric or bore dig process to random length of 6 to 7 meter on directed by engineer at site. | | | | | | |
| | @ Nandagiri layout: 30.0m @ 1447.56/m | | | | | | Rs 188183.40 |
| | @ Narasimha Nagar: 33.0m @ | | | | | | |
| | @ Sadashivanagar Extn: 32.0m @ | | | | | | |
| | @ Sheshadri Nagar: 30.0 @ | | | | | | |
| | 125.0mtr | | | | | | |
| | Qty vide page No 168484 & Items | | | | | | |
| Tender Item No 4 | providing and fixing 250mm Ø pvc casing pipe as per specification | | | | | | |
| | Qty vide page No 168484 & Items | | | | | | |
| | 720 mm @ 1237.80 | | | | | | Rs 891228.00 |
| Item No 5 | providing 175mm Ø MS Tablers | | | | | | |
| | Qty vide page No 168484 & Items | | | | | | |

**M. A. R. 57 (Rule 116)**
**Measurement Book**
No. B/07

Serial No.....
Name of work.....From.....To..... 168423
Name of Contractor of nature of Agency.....
Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No 6 | providing 175 mm Ø MS Clamps Cup pc (RDC) | | | | | | |
| | Qty vide page No 168484 & Items | | | | | | |
| | 4 NO @ 109.05 | | | | | | Rs 437.20 |
| Tender Item No 7 | Supplying and delivery at site brand new submersible pumpset suitable for borewell of 145mm Ø and having the declared duty condition as detailed below and satisfying performance as directed by engineer at site. | | | | | | |

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**MEASUREMENT BOOK**

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | Quantity vide page No 168485 of this MB | | | | | |
| | | | | | 3 NO @ 9307.27 | Rs 27923.50 | |
| | Tender Item NO 8 packing and fixing of 50 mm ϕ pipe 'B' class heavy duty for connection of submersible pumpset galvanised iron 50 mm as per specification | | | | | | |
| (a) | Shashadri layout | 1 | 274.00 M | | | | |
| (b) | Siddeswara layout | NIL | | | | | |
| (c) | manjunath Nagar | | 375.00 M | | | | |
| (d) | Soundarya layout | | 395.00 M | | | | |
| | | | 1040.00 M | @ | 480.50/M | Rs | 4998144.00 |

**M. A. R. 57 (Rule 116)**
**Measurement Book**

Serial No. 168424
Name of work.....From.....To.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item NO 9 supply of Drawing 3 Core flat pvc sheathed submersible pump Cable manufactured with electric grade Copper with flexible copper conducting table 3 Class B & IS - 5130 1984 and virgin pvc insulation and suitable unitage colour upto 1100 volts etc | | | | | | |
| (a) | Shashadri layout | | 250.00 M | | | | |
| (b) | Siddeswara layout | — NIL | | | | | |
| (c) | manjunath Nagar | — | 265 | | | | |
| (d) | Soundarya layout | | 255 | | | | |
| | | | 3 x Total 550 M | @ | = 1650 | @ 179.49 | Rs 296159.50 |

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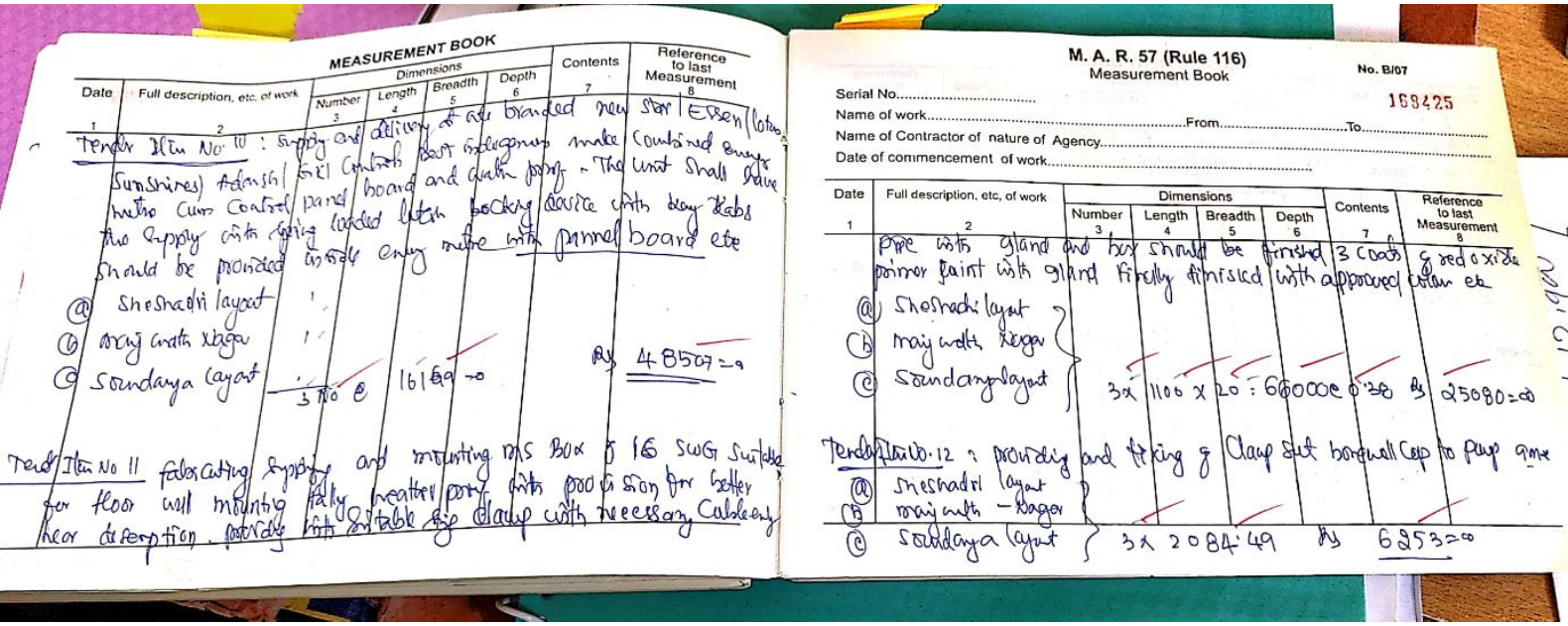

MEASUREMENT BOOK

| Date | Full description, etc. of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No: 10 : Supply and delivery of all branded new star / Essen / Lotus / Sunshine) Adarsh / Sri Control Board Indigenous make Combined Energy Meter Cum Control panel board and Outdoor type. The unit shall have two Supply with spring loaded Latch locking device with key Rods should be provided in side every meter with panel board etc | | | | | | |
| @ | Sheshadri layout | 1 | | | | | |
| (b) | Raj with Nagar | 1 | | | | | |
| (c) | Soundarya Layout | 1 | | | | | |
| | | 3 No @ | 16169=00 | | | By | 48507=00 |

Tender Item No 11 fabricating supply and mounting MS Box of 16 SWG Suitable for floor wall mounting fully weather proof with provision for better hear dissemption. provide with suitable size clamp with necessary Cable entry

M. A. R. 57 (Rule 116)
Measurement Book
No. B/07

Serial No.....
169425
Name of work.....From.....To.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

| Date | Full description, etc. of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | pipe with gland and box should be finished 3 coats of red oxide primer paint with gland firstly finished with approved colour etc | | | | | | |
| @ | Sheshadri layout | | | | | | |
| (b) | raj with Nagar | | | | | | |
| (c) | Soundarya layout | 3x | 1100 | x 20 : 66000 | @ 0.38 | By | 25080=00 |
| | Tender Item No. 12 : providing and fixing of Clamp Cut bolt wall Cap to pipe gmc | | | | | | |
| @ | Sheshadri layout | | | | | | |
| (B) | raj with Nagar | | | | | | |
| @ | Soundarya layout | 3x | 2084.49 | | | By | 6253=00 |

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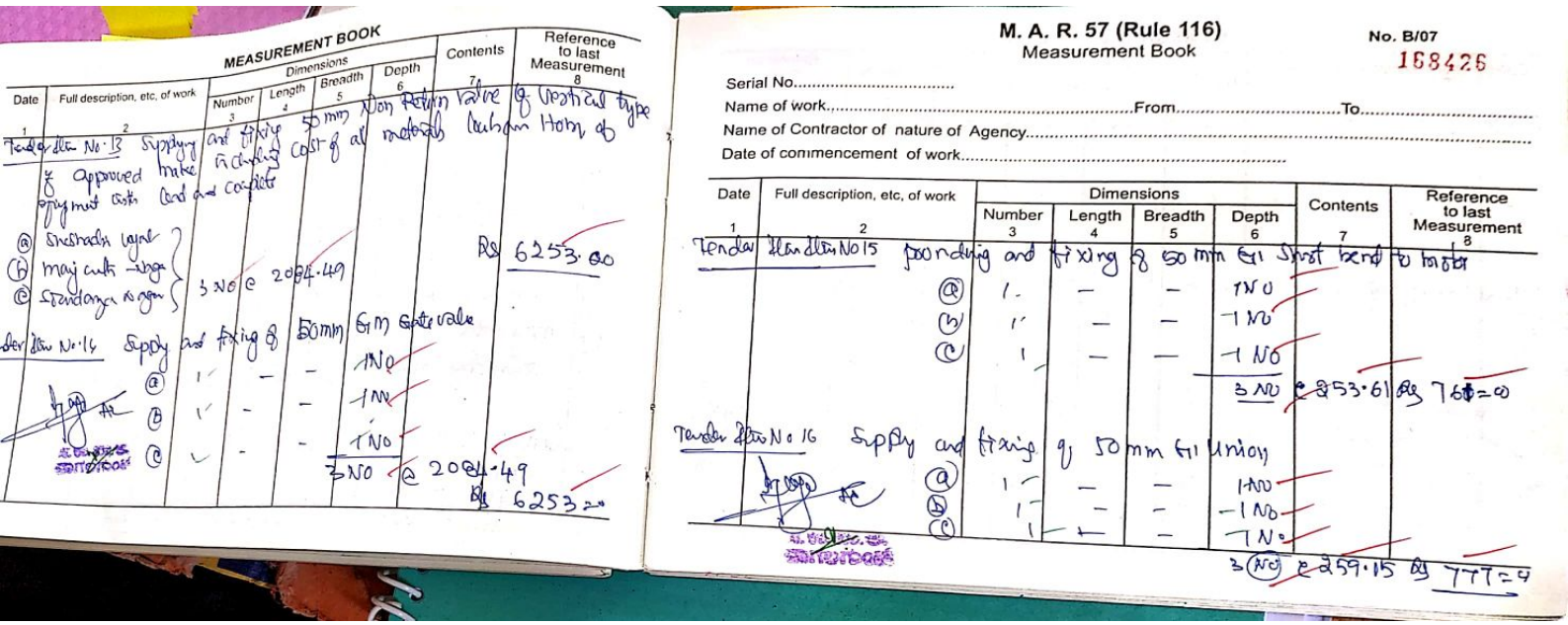

MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No. 13 | Supplying and fixing 50 mm Non Return valve of Vertical type of approved make including cost of all materials labour Hoisting Conveyance and complete | | | | | | |
| (a) Sreshadri Nagar<br>(b) Majestic Nagar<br>(c) Sundarya Nagar | | 3 NO | @ 2084.49 | | | | Rs 6253.00 |
| Tender Item No. 14 | Supply and fixing of 50mm GI Gate valve | | | | | | |
| (a) | | 1 | – | – | 1 NO | | |
| (b) | | 1 | – | – | 1 NO | | |
| (c) | | 1 | – | – | 1 NO | | |
| | | | | | 3 NO | @ 2084.49 | Rs 6253.00 |

M. A. R. 57 (Rule 116)
Measurement Book

No. B/07
168426

Serial No.....
Name of work.....From.....To.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No 15 | providing and fixing of 50 mm GI Short bend to water | | | | | | |
| (a) | | 1 | – | – | 1 NO | | |
| (b) | | 1 | – | – | 1 NO | | |
| (c) | | 1 | – | – | 1 NO | | |
| | | | | | 3 NO | @ 253.61 | Rs 760.00 |
| Tender Item No 16 | Supply and fixing of 50 mm GI Union | | | | | | |
| (a) | | 1 | – | – | 1 NO | | |
| (b) | | 1 | – | – | 1 NO | | |
| (c) | | 1 | – | – | 1 NO | | |
| | | | | | 3 NO | @ 259.15 | Rs 777.00 |

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**MEASUREMENT BOOK**

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No 17 Supply and fixing @ 50 No GI Elbow | | | | 1N | 1NO | |
| | (a) | 1 | – | – | – | 1 NO | |
| | (b) | 1 | – | – | – | 1 NO | |
| | (c) | 1 | – | – | – | 1 NO | |
| | | | | | | 3 NO @ 122.14 Rs 366=0 | |
| | Tender Item No 18 Labour charges for laying 11 KV class UG Cable | | | | | 1 NO | |
| | (a) | 1 | – | – | – | 1 NO | |
| | (b) | 1 | – | – | – | 1 NO | |
| | (c) | 1 | – | – | – | 1 NO | |
| | | | | | | 3 NO @ 99.02 Rs 297.00 | |
| | Item No.19 Erecting Cocashed panel board and metre unit with necessary metals and labour etc | | | | | | |

**M. A. R. 57 (Rule 116)**
Measurement Book
No. B/07

Serial No..... 168427

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (a) | 1 | – | – | – | 1 NO | |
| | (b) | 1 | – | – | – | 1 NO | |
| | (c) | 1 | – | – | – | 1 NO | |
| | | | | | | 3 NO | |
| | | | | | | @ 518.94 Rs 1557=0 | |
| | Tender Item No 20 Supplying and fixing miniature circuit breakers on existing mcb | | | | | | |
| | (a) | 1 | – | – | – | 1 NO | |
| | (b) | 1 | – | – | – | 1 NO | |
| | (c) | 1 | – | – | – | 1 NO | |
| | | | | | | 3 NO | |
| | | | | | | @ 990.34 Rs 2971=0 | |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No 21 | Supply of and laying LT UG Cable trays aluminium conductor PVC insulated Selfed galvanised steel wire/tape armoured Cable with PVC outer sheating 1.1 KV etc | | | | | 1 NO | |
| | (a) | 1 | – | – | – | 1 NO | |
| | (b) | 1 | – | – | – | 1 NO | |
| | (c) | 1 | – | – | – | 3 Nos | |
| | | | | | @ | 135 m @ 185.67 | Rs 25065 = 0 |
| Item No. 22. Digging of Trench 0.60m deep X0.5 m wide refilling the Trench to the required Level and consolidating etc | | | | | | | |
| | (a) | 3 nos | Total | 135.0 m | @ | 61.89 | Rs 8355 = 0 |
| | (b) | | | | | | |
| | (c) | | | | | | |

## M. A. R. 57 (Rule 116)

Measurement Book

No. B/07

168478

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Tender Item No 23 | Supply and laying Class A GI pipe on pole including earthing with necessary clamping arrangements for UG Cable 1.1 KV: class 40 mm | | | | | | |
| (as per SP No 555 IT in lieu) | | | | | | | |
| | (a) | 3 nos | | | | 3.0 m | |
| | (b) | 3 nos | | | | 3.0 m | |
| | (c) | 3 nos | | | | 3.0 m | |
| | | 9 nos | @ | 272.32 | /m | Qty 9.0 m | |
| | | | | | | Rs 2450 = 0 | |

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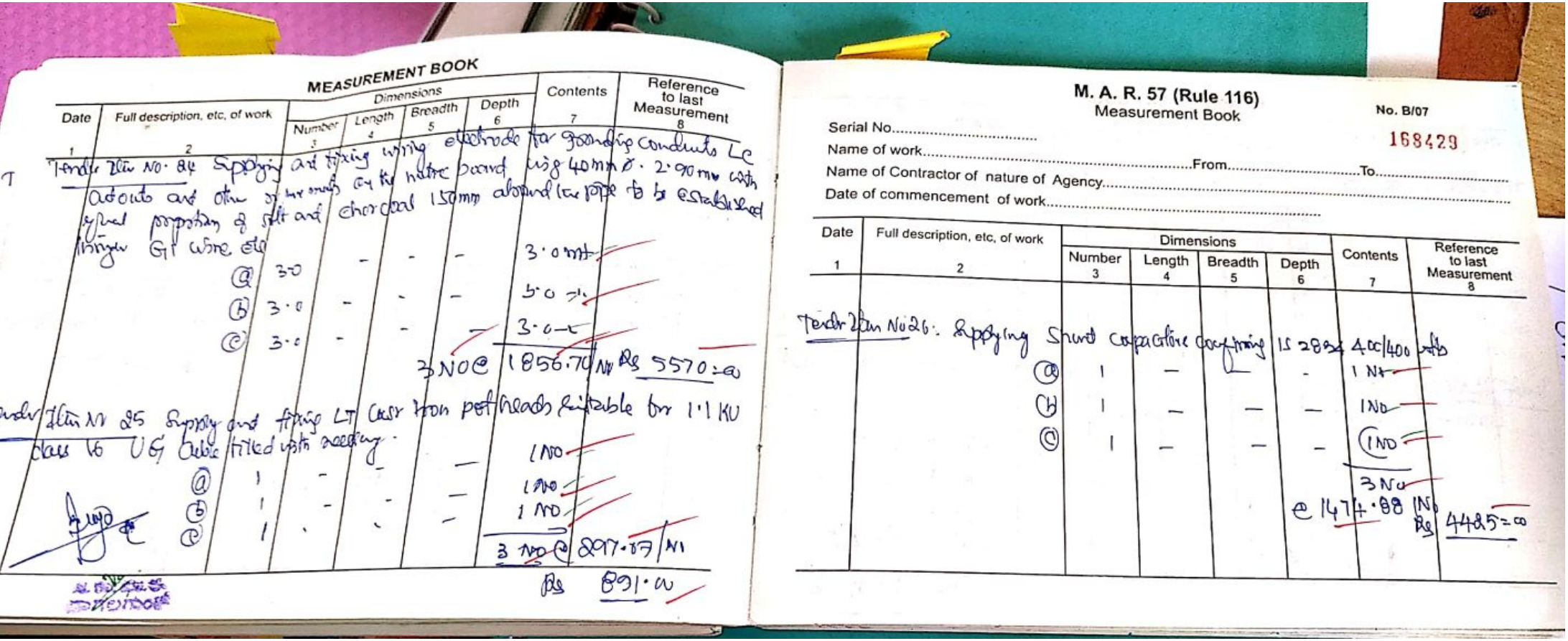

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No. 24 Supplying and fixing earthing electrode for grounding conduits LC T Accords and other structures by the name board using 40mm Ø. 2.90mm with specified proportion of salt and charcoal 150mm around the pipe to be established Bringing GI wire etc | | | | | | |
| | @ | 3.0 | - | - | - | 3.0 mt | |
| | (b) | 3.0 | - | - | - | 3.0 " | |
| | © | 3.0 | - | - | - | 3.0 " | |
| | | | | | | 3 NO @ 1856.70/NO Rs | 5570=00 |
| | Tender Item No 25 Supply and fixing LT Cable from pot heads suitable for 1.1 KV class to UG Cable filled with sealing. | | | | | 1 NO | |
| | @ | 1 | - | - | - | 1 NO | |
| | (b) | 1 | - | - | - | 1 NO | |
| | © | 1 | - | - | - | 1 NO | |
| | | | | | | 3 NO @ 297.67/NO | |
| | | | | | | Rs | 893.00 |

## M. A. R. 57 (Rule 116)
Measurement Book

No. B/07

168429

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions: Number | Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Tender Item No 26: Supplying Shunt capacitor conforming IS 2834 | | | | | 400/400 volts | |
| | @ | 1 | — | — | - | 1 No | |
| | (b) | 1 | — | — | — | 1 NO | |
| | © | 1 | — | — | — | 1 NO | |
| | | | | | | 3 No | |
| | | | | | | @ 1474.88 NO Rs | 4425=00 |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |

Tondidh 12.31 Boring castiron pipe Rig Cubic ft layers not exceeding 20cm in depth Compacting each deposited layer by ramming Cutta cutting with Crowbar 50.0nt and left upto 1.50 mt etc as directed by Engineer at site.

223012 : 00
266761 : 00
2489773 : 00

Audited and admitted for Rs 2489773 :
Passed by Cheque Rs : 2393012 :
(Twenty three lakhs Ninety three thousand And Twenty Seven) 96760 : 00
by authority

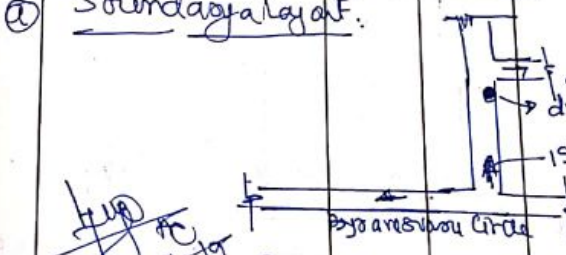
Accounts Superintendent — Exe Engineer
B.T.M.P. Coastal Division

## M. A. R. 57 (Rule 116)
Measurement Book

No. B/07

Serial No.....
Name of work.....
Name of Contractor of nature of Agency..... From..... To..... 16/9/22
Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Sketch Showing drilled point. | | | | | | |
| (a) | Soundagya Layout. | | | | N | | |




05.09.19

05.09.19

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (b) | Siddeshwara Layout (01200 Jagadeesh House) | | | | | | |
| | Jagadeesh House → N | | | | | | |
| | drilled point | | | | | | |
| (c) | Sheshadri Layout | | | | | | |
| | Drilling pt A towards Anjaneya Layout N Shetty Katte | | | | | | |
| | towards Vittal way Layout | | | | | | |

05-09-19

ಪೂರ್ಣಗೊಂಡ ಕಾಮಗಾರಿಯ ಅಭಿಯಂತರರಿಂದ ಬಿ ದಾಖಲೆಯ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ ಜಲ ಮಂಡಳಿ ಬೆಂಗಳೂರು

05-09-19

## M. A. R. 57 (Rule 116)

Measurement Book

No. B/07

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....From.....To 159433

Date of commencement of work.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (d) | Mariyamth Nagar, | | | | | | |
| | Bore A ಶೆಟ್ಟಿ ಕಟ್ಟೆ N drilled point | | | | | | |

05-09-19

ಪೂರ್ಣಗೊಂಡ ಕಾಮಗಾರಿಯ ಅಭಿಯಂತರರಿಂದ ಬಿ ದಾಖಲೆಯ ಉಪ-ವಿಭಾಗ ಬಾಗಲಗುಂಟೆ ಜಲ ಮಂಡಳಿ ಬೆಂಗಳೂರು

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